



New Hampshire Institute for Local Public Health Practice at the Manchester Health Department

LOCAL PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE

Course Description:

This course will provide an introduction to the basic principles of emergency preparedness and response at the local public health level. Topics discussed will include the structure of the incident command system within public health and the effective use of risk communication techniques. Various types of public health emergencies will be covered, such as biological, chemical, radiological, and natural. The course will conclude with an interactive, group exercise that engages participants to apply principles and practical skills learned throughout the course.

Target Audience:

Public health professionals and health care professionals who are interested in learning basic principles of public health emergency preparedness and response.

Course Instructors:

- ✓ *Tim Soucy, MPH, Chief of Environmental Health and Public Health Preparedness Coordinator, Manchester Health Department*
- ✓ Guest Speakers/Content Experts from various state and local agencies will also instruct portions of the curriculum.

Reference Books (provided):

Landesman, Linda Young; *Public Health Management of Disasters: The Practice Guide, Second Edition*

Participant Assessment:

To successfully complete this course, all participants will be required to actively participate in a group exercise in order to demonstrate the application of principles and skills learned at the conclusion of the course. Course content will be covered through a variety of media, including guest speakers. Listed below are the types of assignments and activities that all participants will responsible to complete.

- Reading assignments
- Case-study analyses
- Group activities
- Final Group Exercise/Evaluation
- Course evaluation based on competencies and course objectives

Course Overview:

LESSON I: Introduction to Public Health Emergency Preparedness and Response

- Definitions
- Historical Background and Importance
- Public Health Incident Command System
- Risk Communication Techniques

LESSON II: Public Health Emergencies – Biological

- Overview of Disease and Epidemiologic Principles
- Types of Biological Emergencies
- Local Management and Response

LESSON III: Public Health Emergencies – Chemical

- Overview of Toxicology
- Types of Chemical Emergencies
- Local Management and Response

LESSON IV: Public Health Emergencies – Radiological

- Overview of Radiological Properties
- Types of Radiological Emergencies
- Local Management and Response

LESSON V: Public Health Emergencies – Natural

- Types of Natural Emergencies
- Local Management and Response

LESSON VI: Local Public Health Emergency Preparedness Exercise

- Final Group Activity – Influenza Pandemic Tabletop*

***Attendance and participation in the final group activity is mandatory for successful completion of this training program.**